

# Public Notice: INTENT TO APPROVE A PERMIT MODIFICATION REQUEST



## Notice of Intent to Approve a Permit Modification Request to the Waste Calcining Facility Post-Closure Care Partial Permit INL [Docket # 10HW-0703]

Department of Environmental Quality  
1410 N. Hilton  
Boise, ID 83706-1255  
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**Notice Issued:** May 8, 2007

### What is the Purpose of This Notice?

The Department of Environmental Quality (DEQ) is proposing to approve a Class Three Permit Modification Request to the Waste Calcining Facility (WCF) Post Closure Care Partial Permit. The WCF is located at the Idaho Nuclear Technology and Environmental Center (INTEC), on the Idaho National Laboratory (INL). Permit modifications are not unilaterally approved by DEQ. Prior to approving a modification request, you (the public) and the applicant are provided an opportunity to comment on the proposed modification prepared by DEQ.

**What Is Proposed & What are the Proposed Actions?** DOE wants to modify the ground water monitoring network, sampling frequency, and sampling parameters for the WCF. The WCF is a closed landfill subject to post-closure care. The DEQ has proposed a draft modified Permit which sets forth revised monitoring procedures based on ground water data collected over the last three years. The requirement to evaluate the data and revise the procedures was a part of the original WCF Post-Closure Care Permit. The draft modified Permit is hereby proposed for approval.

### Describe the Facility Subject to Permitting:

INTEC is located in the south-central portion of INL which is in Butte County, Idaho. INTEC is operated for the United States Department of Energy (DOE) and by their contractor. The Waste Calcining Facility was used to treat high level liquid waste prior to 1983. The unit was replaced by the New Waste Calcine Facility. The WCF was closed with waste remaining in the below ground portion of the building. The WCF was filled with grout and a concrete cap is in place on the site. The facility has monitored the shallow perched water-bearing zone for 13 quarters. The facility has documented the

volume of water, water quality, and flow direction of this shallow perched zone. Based on this characterization, the facility is requesting to reduce the sampling frequency from quarterly to semi-annually and to reduce the number of potential contaminants monitored from 33 to 19. The modification also modifies the well purging methodology and the statistical package used to evaluate monitoring data. DEQ believes these changes are appropriate. The draft modified permit sets forth the proposed changes to the monitoring network and sampling protocols.

### What Permit Conditions are Affected?

Only the new or modified permit conditions are open for public review and comment.

### Where Can I Get More Information?

In person: The draft modified Partial Permit and fact sheet may be reviewed at DEQ's State Office located at 1410 North Hilton in Boise, Idaho or at DEQ's Idaho Falls Regional Office located at 900 North Skyline, Suite B, in Idaho Falls, Idaho.  
Online: A copy of the fact sheet, draft modified permit, and permit modification request are available online via the DEQ Web site ([www.deq.idaho.gov](http://www.deq.idaho.gov)).  
By phone: Contact Ms. Jennifer Shafer (208) 373-0502.

### Public Hearing

A public hearing has not been scheduled. A request for a public hearing must be in writing and shall state the issues proposed to be raised in the hearing.

### When are Written Comments Due?

5 p.m. on June 21, 2007. Comments or requests for a hearing should be addressed to Robert Bullock, c/o Ms. Jennifer Shafer, Idaho Department of Environmental Quality, 1410 North Hilton, Boise, ID 83706.

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### DEQ Contact Name:

Robert Bullock  
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**Phone:** (208) 373-0502  
**E-mail:** [webmaster@deq.idaho.gov](mailto:webmaster@deq.idaho.gov)

### Who Will Be Responsible for Implementing This Partial Permit?

DOE, CH2M-WG Idaho, LLC, and contractors

### What Are DEQ's Responsibilities?

DEQ is the regulatory agency that helps protect and enhance Idaho's water and air quality, and helps ensure proper management and disposal of hazardous and solid wastes. One way DEQ does this is by requiring permits for certain activities.

### What Legal Requirements Apply?

Idaho's rules require that DEQ provide an owner or operator and the public, through a newspaper notice, the opportunity to submit written comments on the draft Partial Permit for storage.

**What Happens Next?** DEQ will consider any comments and/or requests for a hearing on the draft Partial Permit, and will either announce a time and place for a hearing, modify the draft Partial Permit, or approve the Partial Permit as proposed.